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# The Tech News, Volume 60, Issue 23, November 4 1969

The Students of Worcester Polytechnic Institute

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# The Tech News

Vol. 60

Worcester, Massachusetts

Tuesday, November 4, 1969

Number 23

## STATEMENT OF PLANNING COMMITTEE TO FACULTY

by Prof. Wm. Shipman

At the first session of this special meeting and in conversations resulting, several questions have been raised. In response to these the Committee have asked that I read the following statement:

The Tech News reported most of last week's questions and answers quite accurately.

Much of the present misunderstanding surrounding the September report of the Planning Committee seems to arise as a result of taking this report out of context of the previous reports. The extensive discussions of last winter and last spring, the national concern over dragging engineering enrollments, the general student unrest throughout the world with the deteriorating status of the undergraduate, and the strong wave of dissatisfaction which has been growing with the status quo on this campus over the past 5 years. The planning study has been a continuous operation since last December. Two Towers III is simply one part of the study.

1. The present status of the College was analyzed very carefully in the first two reports - there were few objections then, and indeed the Committee was praised for its frankness. Our point in that what the school has been doing does not fit the role of the private college in American education as we see it now. The Planning Committee did not come to the conclusion that the present status of the College is unacceptable all by itself. A lot of work went into it. We didn't just talk to a few faculty or a few students; we talked to a lot of faculty and a lot of students. We sent out questionnaires - to students, prospective students, employers, faculty; we visited each department; and we read previous appraisals, both public and private.

The question of how to evaluate what we are doing is an important one. Our external financial support is not good, which indicates we're not selling well. We compare what we are doing with the other privately endowed technical schools and we don't look too interesting. In terms of doing a job, we're probably all right. In terms of being what we could be, we're

doing very poorly.

2. Won't the Students get a limited technological base?

We are convinced that this program will give the students a better, more thorough technical base than he now gets. While we're on this, I think we better get at the question of whether the students should participate in the projects at an early stage or not. Should they take required core courses? Most of today's students just don't accept the philosophy of a required core course! Furthermore, since he doesn't like it, the core course may not give him the technological base he wants. Gentlemen, education is changing, and we have to change it, or we wait to be told how to do it.

3. Now for a potpourri of comments. Incidentally, we are already getting concrete and valid suggestions for re-wording the goal statement, and will be working this over next week. We also have on hand a suggested alternative plan to work over.

a. It was suggested that we consider outside evaluation of the model. Gentlemen, it is clear that ultimately the faculty will have to make its own evaluation of the model and either back it, ask for another, or dismiss the Committee. There is no way around this. The best program in the world is doomed to failure if the people who have to execute it decide they don't like it. Apart from the considerable cost of an outside evaluation of the kind suggested, there is a real question as to whether the faculty would accept outside evaluation any more than evaluation by their colleagues. Incidentally, outside evaluation is going on just by virtue of having people read the report. The result of this is that some people who never before heard of Worcester Polytechnic Institute are discussing our College.

b. It was asked whether the committee had considered a modification of the existing system as a means of achieving the goal.

The answer is no! Analysis of the present status of the College shows that one of our main problems is one of attitude of both students and faculty. We believe

that trying to ease the pain of change by cloaking it under a modification of the present program would erode the change itself. Further, we believed that the program should be framed in terms of the goal - not made to fit an existing system. Several of you pleaded for this approach last spring.

c. Since generation of knowledge for its own sake is an acceptable goal, should this not be part of the goal statement?

The chance for WPI to sell itself as a research institution has long since passed. The college decided not to heed Prof. Merriam's committee in 1940. As a primary objective, then, this has become the strong point of other Colleges. But there is no doubt that new knowledge will be developed as a result of the pro-

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## Dr. Fox To Head Worcester Consortium

The Worcester Consortium for Higher Education, formed in 1967 is an agreement among the participating colleges in the Metropolitan Worcester Area to explore and effect ways to broaden and enrich academic programs for faculties and students; to expand continuing educational opportunities and public service activities, individually and jointly; and to effect fiscal efficiency through interdependent programs.

Dr. Lawrence E. Fox, will begin as full time representative to the interinstitutional Executive Committee from Worcester Tech in January, replacing Dr. Thayer. Dr. Fox is now the Associate Director of the Massachusetts Advisory Council on Education which identifies problems in education state-wide and then refers them to the proper persons or agencies for solution. Born in New Jersey, Dr. Fox has spent most of his life in Massachusetts. He was granted his Ph.D. at the University of Michigan in Psychology and Higher Education, and worked for ten years in sales and advertising. After this he served as Assistant Study Director of the Survey Research Center at the University of Michigan, and then as Director of Institute Research at Cleveland Community College, which, unlike Eastern community colleges is a large institution comprised of three campuses with a total enrollment of about 15,000 students.

The Consortium is now engaged in the following projects. The sharing of school facilities in graduate as well as undergraduate facilities, resulting in the opportunity for students of any area college to take courses at other colleges. Two of the products of this system are the Assumption-Clark-Holy-Cross trilateral Theatre Arts Program, and the Clark-Worcester Tech graduate Program in Bio-medical Engineering. Other cooperative curriculum projects under way now are programs in English, French, Sociology and Afro-American Studies. The Consortium is also planning a better library sharing system and a common I.D. card for all the area schools. One other planned project described by Dr. Fox as "still in the dream stage" is a large graduate student center.

Because one of the biggest pro-

blems facing all schools is finances, one of the primary objectives of the Consortium is to make the best possible use of resources. This is being accomplished by group buying of equipment, supplies and services. The sharing of facilities is an outgrowth of this and in addition to saving money it has provided a broader range of subjects taught at each school. The Consortium has already saved the area colleges several thousand dollars by a joint fuel purchase plan.

Other programs of the Consortium still in the planning stages are a talent search, a committee to study how colleges could help Puerto Rican citizens of Worcester Community Schools in poor neighborhoods, and an expanded pro-

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## Faculty Comments On Planning Model

The second session of the special faculty meeting, called to discuss the Planning Committee's Model, featured many statements in support of the Planning Committee's proposed model, as many faculty members who supported the model spoke out in reaction to the first session and to reports of the first session.

The meeting was again unstructured and served as an open forum for statements on the Planning Committee's work or for questions to the Planning Committee.

The meeting began with Professor Shipman, chairman of the Planning Committee, reading a statement from the Committee replying to several questions raised in the previous meeting. The statement commented, "Much of the present misunderstanding...seems to arise as a result of taking this report out of context of the previous reports" and other recent developments in education. It further stated that the present status of Tech had been extensively analyzed in the first two reports, after talking to "a lot of faculty and a lot of students".

To the question, "Won't the students get a limited technological

Franklin Institute's Gold Medal (1963) for having originated the communications satellite in a technical paper published in 1945.

A top-ranking science writer and "a master of science fiction" (The New Yorker), Mr. Clarke is the author of 40 books, both non-fiction and fiction, 10 million copies of which have been printed in some 30 languages. The latest (1968) is the Book-of-the-Month Club selection, "The Promise of Space." He is now writing the preface and epilogue to the astronaut's own book of the Apollo mission.

The mysteries of the sea, however, fascinate Clarke as much as those of outer space. Since the early 1950's, he has been exploring the depths of Australia and Ceylon with his partner in skin diving, Mike Wilson, a film producer and underwater photographer. An underwater expedition by Clarke and Wilson to the Great Barrier Reef of Australia in 1954 and 1955 was chronicled by Clarke in "The Coast of Coral," with photographs by Wilson. Underwater adventures around Ceylon was the subject of "The Reefs of Taprobana." With Wilson he wrote "The Treasure of the Great Reef" about the successful expedition undertaken in 1963 by himself, Wilson, and others in search of a sunken ship in the Great Basses Reef of Ceylon, where they discovered a ton of silver coins.

Arthur Clarke's articles have been published widely, including such periodicals as Reader's Digest, Holiday, Playboy, Look, Life, and The New York Times Magazine.

A graduate of King's College, London, with First Class Honors in Physics and Mathematics, he

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## Assembly Committee Expands Program

Few big-name speakers will grace the W.P.I. calendar of assemblies this year; little will be done in the way of trying to attract large throngs to Aldeneach Thursday at 11:00. Nevertheless, the 1969-70 Assembly Committee, under the cochairmanship of Henry Block and Mike Moylan, has been hard at work creating what it believes to be a fresher, livelier program of topics and events.

In an effort to provide the Tech engineer with a better insight into fields other than science, the committee has prepared a widely varied collection of lectures, exhibitions and films. Since most of the scheduled activities will draw interest from different areas of the student body, the library seminar room will be used most frequently.

Already we have had a photographic exhibition of Le Corbusier Chapel at Ronchamp which was on display until Oct. 26. Architecture being a natural link between engineering and art, several displays of this type have been in-

cluded among the list of offerings. The next is an exploration of the work of Pier Luigi Nervi which will run from Nov. 15 to Dec. 7. A lecture by Prof. Richard Muhlberger entitled "The Cement Tradition" supplemented the exhibitions. Prof. Muhlberger examined these and other architectural aspects on Oct. 16.

Next comes a purer form of art. The sculpture of young New England artists, secured from various art schools in the area, will adorn the Quadrangle throughout the rest of the year. It is intended to provide an esthetically interesting atmosphere for campus strollers. J. Kinney O'Rourke, Executive Director of Boston Economic Development and Industrial Commission, kicked off the "W.P.I. Seminar Series in State and Local Government" on Oct. 9. His talk entitled "Economic Development in the State" will be succeeded by seven more lectures by state and city officials. The series is de-

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# The Tech News

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## Editorial

### 294 Years?

In his article in the latest issue of the VILLAGE VOICE, Jack Newfield reports that L.F. Stone has reported in the current edition of his weekly newsletter that despite all of "resident Nixon's rhetoric about troop withdrawals from Vietnam, the U.S. has only 200 less soldiers there than on August 31. The Pentagon's own figures show that we still have 509,600 troops in Vietnam. Stone goes on to point out that if we continue this rate of troop withdrawal we will withdraw 1732 each year and be out of Vietnam in 294 years.

I know that there is much opposition in this country to an immediate withdrawal of all U.S. forces from Vietnam, and that there are many people who feel that although we should withdraw our soldiers we should do so over a period of a few years in order to stabilize the Thieu-Ky regime, but 294 years! I hope Mr. Nixon doesn't expect to stay in office that long.

P.C.

## On Censorship

The suspension of publication of college newspapers as a result of administrative censorship of material to be published once again opens the controversy over freedom of the collegiate press. Whether student editorial boards or college administrators shall decide the content of a student newspaper supported by student fees is a question which almost seems to answer itself.

The particular article which is the cause for concern is a piece by Black Panther leader Eldridge Cleaver entitled "Black Moochie" and printed in the September issue of RAMPARTS magazine. Cleaver incorporates certain four-letter words to describe his pubescent emotions towards his voluptuous grade-school teacher Mrs. Brick, in contrast to real emotions he experiences towards a white girl in his class. While the words taken out of context may be termed offensive, Cleaver's use of them in the article serves to illustrate his frustrations as a young boy reaching puberty. He suggests that this dilemma comparable to that he faces by being a young black boy, for when he innocently reveals his feelings for the young girl to her, she expresses an embarrassed hatred for him. Perplexed, Cleaver finds himself saying "your mother is as fat as an elephant", upon hearing which the girl bursts into tears. Enter teacher. "Mrs. Brick turned on me with flame in her eyes, and I could see a hatred that frightened me. 'You black nigger!' she snarled and slapped my face. . . Her words brought tears to my eyes."

Fitchburg State College President James Hammond has shut down FSC's student newspaper CYCLE because of the staff's desire to reprint "Black Moochie". However, at a meeting of five state college editors in Salem it was agreed that at least one issue of the CYCLE would be financed by the other four colleges in order to explain the situation in detail to FSC students. "Black Moochie" appears in this issue. (According to the state college system, the individual president decides how the student activities money will be spent. See "Fitchburg State College Paper Shut Down By School's President", in last week's issue of TECH NEWS.)

Censorship of college newspapers is about as medieval as chastity belts. Administrators who feel they must protect their students from such trivial things as naughty words undoubtedly have a misconception of their responsibility. The philosophy of "in loco parentis" is dead. Presidents Hammond on college campuses across the country wake up! I doubt if we students will be permanently damaged by exposure to our own society. Students as citizens have a right to be able to read contemporary writing, especially that which helps them understand today's real problems such as racism.

It is also sorely evident that there exists gross injustices in the expenditure of student activities budgets in the state colleges. In reality, the Massachusetts Board of Higher Education sets a mandatory student activity fee and the individual presidents spend the money. Even on the federal level people have some say as to how their tax money will be spent. We urge that this practice be immediately investigated and corrected by our state legislature.

B.H.



## by GLENN WHITE How to Form a Mass Movement

In the last half-decade, the world has felt the shockwaves of a new social and political force--the student movement. In Japan, 350,000 students and unionists marched in every major city on an "International Anti-war Day" two weeks ago. In the United States, students in almost every college are pressing for reform. In Czechoslovakia, students were a major force in the ill-fated Prague Spring. In France students forced elections and began events leading to the resignation of Charles de Gaulle. In most affluent nations, students are forming a cohesive front dedicated to radical reform in all parts of their environments.

Before the above could start, the feeling of student solidarity had to be adopted by the students. This feeling of unity developed at least partly from the breakdown of the large family unit, in which three or more generations and ten or more people live either together or very close to each other, into the present four-member family. There is no longer a sense of close identity with family--or with neighborhood, nationality, or religion in our homogenized nation and homogenizing (at least in the affluent countries) world.

Another factor is the present size and teaching methods of the American school system. In a school of one thousand or more, a person desperately needs a sense of belonging. Close contact with the teacher is decreased, as the child has probably no contact with her outside of school and has a different teacher each year. Self-reliance, independence and individuality are actively discouraged and the person is taught to depend on others, while being deprived of any system or adult to depend on.

These two factors lead easily to a solution--identification with the people in closest contact with the individual, namely other students. And because of the decreased importance of family loyalty and family tradition, his sense of allegiance to his fellow students can be predominant.

It is a cliché, because it is so apparent, that Americans are fascinated with youth. Advertising has become increasingly youth-oriented. Pepsi-Cola recently dropped the Miss America pageant. The reason is simple: Middle America may still love her, but youth doesn't dig. Movies have a new formula for success: aim for the college audience (Easy Rider, Alice's Restaurant). The god of "pop" music and its prophet radio may well have been the primary agents in "subverting" the young. Realizing that a money market was emerging in youth, the mass media has responded in the best capitalistic way and has accelerated the trend

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## Letters...

### Rational Approach Prompts Commendation

To The Editor:

The model for the new Worcester Tech (hopefully) when revealed in the third Planning Committee Report, like any proposal for radical change, evoked a highly charged emotional response. In the midst of this blizzard of opinion there is only one faculty member who has attempted to construct a model of the model on which to base his conclusions. Walter something-or-other, of soup-making fame, should be commended for a rational approach to this tough problem.

His plan (which I heard about by word of mouth; he was obviously too modest to publish a planning report for his model of a model) is to divide a class into two parts, the first group to take the course in the usual "Worcester Tech tried-and-true method which has served so well in the past". A corps of volunteers in the same class will attend classes as usual (taking full advantage of the meaningful, worth-

while content) but will not hand in homework, not take quizzes and exams, and will be graded on only the final exam. The catch here is that the instructor will not be available to help these students outside of class. At the end of the semester an analysis of the grades of the two groups will show what direction Tech should take.

This is a fine idea as we all know, for an experimental model like this to work it must be analogous to the actual system. This proposed model of the model is lacking a few things the Planning Committee included in theirs. Most notably an advisory system. It must also be admitted that the grades will not be given by the most impartial of judges.

However, it is still miles ahead of some of his colleagues proposals, which deal in the abstract with such things as oil slicks, dimes and (you won't believe this) horses mouths. Keep up the good work, Walt!

NAME WITHHELD

TO THE EDITOR

I do not pretend to know all the answers, but I likewise do not pretend to go along with those who feel they do.

Just as you, when you feel the need, take a vacation or drive over the speed limit, so shall I be a patron to what I feel is right or necessary at that moment--all the time keeping one point in mind: that I shall never threaten a person's right to love life, laughter, movement, or decision.

Just as you establish your life under a code which is representative and meaningful to you, so shall I establish a code to which I am true, and by which I am eternally happy.

You speak of not wanting war; the question lies deeper. It is not a question of wanting war or not wanting war, but of wanting, with little expression and hope, peace. Within yourself you have

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## The Liberal View

by PAUL CLEARY

### Walter P. Industry, Inc.

Earlier in the year, I wrote a column which took a look at the Rhode Island School of Design and compared the academic atmosphere there with the atmosphere here at Worcester Tech. This past weekend while again down in Providence I decided that perhaps the comparison was unfair to WPI. Art schools are rather unique in that they do not necessarily try to fill the needs of today's industrial society. Worcester Tech, on the other hand, has a huge hang-up with trying to make sure its graduates are able to fit into America's big technological machine. Worcester Tech's purpose is not to educate you, but rather to cast you and mold you into the proper cog for the machine to use. Your ability and efforts while here at Tech only determine what size wheel you'll be. Worcester Tech is in a competitive market and its "product", the student, has to be more appealing than other schools'.

This whole problem could be alleviated somewhat with a new concept I have stumbled upon--the disposable engineer. Since America as a country is consumer oriented, industry can be looked upon as a huge consumer. Worcester Tech's goal is to get the "consumer" to buy as much of its product as possible at the best price possible. The disposable engineer would make this easier to accomplish.

A disposable engineer is an engineer who has been so well trained here at WPI that he makes himself obsolete within a very short period of time. By limiting the area of study for each individual student to merely a fraction of what it is now, we would be able to sell our consumer an engineer who could be used once and then "thrown away." This, of course, is in keeping with the whole American policy of consumption. Everything today is disposable: no return bottles, paper dresses, paper diapers. Use them once and throw them away. By initiating a concept such as the disposable engineer, Tech could corner the market (may be we should take out a patent just to be sure). More engineers would be "consumed" then under our present inefficient system thus creating a demand for many more people to become engineers. WPI's enrollment would soar. If our present graduate works for 40 years and our new product could be disposed of after only a week, we would have to up our supply to about 3,600,000 graduates a year--assuming demand was constant (graph it, it's obvious). With Tech's drop out rate this would mean an annual freshman class of about 4,100,000. Obviously, at \$2400 each per year just in tuition Tech's financial resources would increase.

The only problem Tech would then face would be marketing its product. The right image would have to be created. All Tech graduates would be standardized: slick butch haircut, black chino pants with a half inch cuff, white short-sleeve sport shirt, white socks, and slide rule with holster and belt attachment. The coeds might not like the standardization, but hell, we can't have a separate assembly line for just 24 of them.

## Who Has All the Answers?



# Thoughts

by Jim Hannoosh

What's going on in your pledge course? Are you learning anything about "fraternity"? What is the purpose of your pledge course? Think about it.

These courses will shape your attitude for the next four years. Don't you owe it to yourself to achieve the highest in your course? Think about it.

Freshmen, come alive. You are tomorrow's fraternity man. Will you be here in the years ahead? Will your house exist in the years ahead? Does Worcester Tech need you and your fraternity. Think about it.

Your great fraternity system is degenerate, unintellectual, unimaginative and lacking in contribution to the college. Think about that. What does the fraternity system offer to Worcester Tech? Housing, social life, security? A poor excuse for brotherhood.

Look around Freshman - be aware. Is that sharp fraternity upper-classman really as sharp as he appears? Judge him as your equal. Where does he stand in your eyes? Think about it.

Think Worcester Tech first, your fraternity second. Support your college, don't undermine it. Participate in its forums--become part of its environment. If you don't you may find that your college will leave you and your "brotherhood" in the stagnant environment in which it finds itself at the present.

Please, think about it.

## WHAT'S UP

### Campus:

Nov. 6 John Sears, former sheriff of Suffolk County. "The Special Problems of Crime."

### Worcester:

Nov. 5 Film "The Entertainer", 8:30 p.m., Kimball Cinema Auditorium Holy Cross.

Nov. 6 Film "Blow Up", Maison Auditorium, and Bill Esposito, Assumption College.

Nov. 7 "Jefferson Airplane", Assumption College, 8:00 and 11:00 p.m.

Nov. 7 & 8 Film "The Subject was Roses" 7:30 p.m., Kimball Auditorium, Holy Cross.

Nov. 7 & 8 Film "Les Biches" and "Persons", Atwood Hall, Clark University, 8:00 p.m.

Nov. 8 Mixer at Holy Cross, \$1.00, 8:00 p.m.

### Boston Plays:

"The Iceman Cometh" by Eugene O'Neill, Charles Playhouse.

"Eros", Craft Theater, 95 Brookline Ave.

"How to Make A Woman", Caravan Theatre, 1555 Mass. Ave.

"The Proposition", Inman Square.

### Boston Concerts:

Nov. 5 "Jefferson Airplane", Music Hall, 7:30 & 9:30 p.m.

Nov. 6-8 Taj Mahal, and Bloodwin Pig, Tea Party

Nov. 7 B.S.O. Haydn, Symphony No. 94 "Surprise"; Casella, "La Giara"; Brahms, Symphony No. 4. Rush seats \$1.00, on sale @ 6:30 p.m.

Nov. 7 Victor Borge, Symphony Hall. Tickets \$3.00 and up.

Nov. 7 "Sly and The Family Stone", Roberts Center, Boston College. Tickets \$2.00 and \$4.00.

Nov. 16 "Peter, Paul and Mary, Symphony Hall. Tickets \$4.00 to \$6.00. 8:00 p.m.

Nov. 23 "Greatful Dead", "Country Joe and the Fish", and "Pacific Gas and Electric." Two shows, 6:15 and 9:30 p.m. Tickets \$4.00 and \$6.00.

## Review...

# Waiting For Godot Forcefully Presented At Holy Cross

by Neil Herring

Worcester Theater-goers rarely have the pleasure of witnessing a piece of such force or of such emotional impact as *Waiting For Godot*, by Samuel Beckett, presented by the Entr' theater group in the Fenwick Theater at Holy Cross. Perhaps a few people might complain that it is a play in which nothing happens because they did

not find a conventional plot as was expressed in a recent Telegram editorial; or because they could not summarize the play on leaving the theater, or explain their embarrassed laughter.

We watched people being happy and suffering, we did not realize we were watching our own lives. But, when the audience left the

theater it knew Beckett was worthy of his Nobel prize in literature.

Two tramps, representing all humanity, wait on a country road day after day by a tree too thin to hang themselves on. For whom are they waiting? They are waiting for Godot. Ah! They are tired, and have nothing to do except converse with each other. Godot does not come, at least this evening, but they will come back tomorrow. Perhaps Godot will come tomorrow maybe: he will never come.

The Author does not say Godot is God, but he forces us to say it. Godot is painted as an old man with a white beard, a common portrait.

What can "Waiting For Godot" offer us? It is not enough to say nothing happens; less than nothing happens. What little was given us in the start is slowly corrupted before us, degraded, like the blind pozzo, in the second act. We must see a part of ourselves in the characters. We must be able to relate to the players just as the play relates to us.

"Godot" is a tragic comedy, but in this production the director has stressed the comedy. I believe that this was done so that an unfair load was not placed on the audience. Very few people can attempt to be critics of this play. By stressing the comedy the audience can respond in an orthodox way. There is less thinking involved.

Even though there is a smaller burden placed on the audience than originally intended, *Waiting for Godot* is still a play that few can enjoy completely and even less can comprehend. The play must be presented by a truly talented cast, and such was the case here in Worcester. Amateurs could not have performed this play successfully. A round of applause must go to the cast and director, as well as to the author, Congratulations.

## College Environment Committee Meets

by Alan Dion

The Campus and College Environment sub-group to the Planning Committee held its first organizational meeting on Oct. 28 in the Library Seminar Room. Dr. Charles Heventhal, chairman of the group, pointed out that this committee is concerned with long-range planning for the W.P.I. campus. He also commented on the need to consider all suggestions, whether they are plausible or not.

Dr. Heventhal then introduced the chairman of the various subgroups to the committee. Roger Kern, who is co-chairman of the Housing and Dining group along with Will Elliot, said that his group would explore the kinds of long-range housing that is needed and wanted. He mentioned the options of having dormitories of school-owned apartments, faculty-student living units, or senior dorms. Non-fraternity living co-chairman John Minasian said that he, Dave Hobill, and the rest of his group would work with the other committees in examining the needs of independents with respect to housing, recreation, social life, and such considerations as a student union and a lottery system for fraternities. Campus co-chairmen Dick Schwartz and Mary Ann Bagdis said their aims would include determining the overall appearance, social life and on campus activities of the Tech environment. Also

mentioned was consideration of a student union and visits to other campuses. Ben Katcoff and Dennis Lipka said that their group would examine W.P.I.'s relationship to Highland St., the greater Worcester area, and the Consortium. They brought up the possibility of buying up much of Highland St. to add to the Tech community, and of involving the students in projects within the city. Overall "Psyche" chairmen Chris Wynkoop and Bernie Dodge said their committee would be concerned with spirit at Tech. Their work would include involving alumni in affairs at W.P.I. and investigating the possible expansion of the school's newspaper and radio station. The Fraternity group co-chairmen John Pellli and John Petrillo were not present.

Afterwards Dr. Heventhal opened the session to questions and comments. It was agreed upon that faculty-student communication should be improved and that ways of making the campus a home for teachers as well as students should be explored. Also discussed were the topics of changes in student attitudes and aims, and an examination of the physical education and sports programs.

At the conclusion of the meeting the sub-group chairmen met with the individuals who had earlier elected to join their committees.

# License For Intercollegiate Radio WICN Expected Within Week

Radio WICN, which is an acronym for the Worcester Inter-Collegiate Network is now involved in the process of obtaining a full license from the FCC to broadcast programs. Prof. Howe, professor of Physics, expressed hope, "barring unforeseen difficulties, to operate with a 'full-license' for the Norwich game, Nov. 8." This would allow the station to connect the antenna and broadcast over a distance of 7 or 8 miles for reception with an average FM radio

and up to 50 miles for reception with a high-quality receiver. To obtain approval from the FCC, the station must be built and tested; when everything functions properly, an application is made to the FCC for a license, which normally takes about a week to obtain.

Prof. Howe went on further to state that this is not a Tech station, it is an intercollegiate program where broadcasts are made

in conjunction with Holy Cross. True, the transmitter is located in Alden Tower but Holy Cross has a remote control device which allows them to broadcast programs without a Tech engineer present.

Prof. Howe further stated that the station is intended to be student operated - the students set-up and run their own programs and the advisors guide with the policy. He pointed out that this was rather unique to have students from different colleges cooperate and run the station themselves instead of hiring professionals like the educational stations such as WGBH Boston and WFCR, Springfield. He complimented the staff by saying that he has seen a lot of work put into the planning of programs and in engineering the set-up of the station.

Plans for the future include trying to get all the Worcester colleges in on this program - they could communicate with the station with telephones or by microwave relay, if possible. In conclusion, Prof. Howe stated that this program is along the lines of the Worcester Consortium started by General Harry P. Storke - that of a Worcester University - one step toward uniting all of the Worcester colleges.



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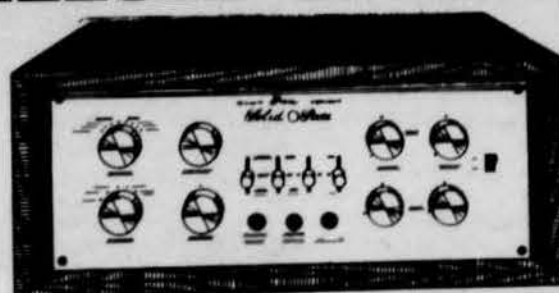
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# WORK FOR ANYTHING

by Dave Hobill

The English language has some very funny words which can be taken to mean all sorts of things depending upon what one is studying. One of these words which to some is just a simple one syllable word, or to others a word with very deep significance is the word work. To a physicist work means an entirely different thing from the definition a socialist uses for the word. It seems to me though, that work to many is another four-letter word.

Today things can be done very easily if one employs the vast amounts of elaborate machinery there is on hand. It certainly wouldn't take a construction company a very long time to erect a pile of granite blocks in the shape of a pyramid or a Stonehenge today where as it took the ancients decades to build such structures. The idea of work in itself is not

hard to accept as long as one tells another where to work, how to work, and with what to work. But, the hangup comes when one questions the why to work. The idea of work then becomes a means for some idealistic end. If that end is a long established one, things look fine since one has the necessary tools and materials to work with. But the extremely hard work comes when something completely new must be developed.

People will generally be afraid of work unless they have some kind of machine with which to help them obtain positive results. The greatest amount of toil and deliberation precedes any such results, and it is these results which are themselves tools that make successive work easier. It is easier therefore to find help when one is producing some kind of result from his own hard labor.

What is needed now both at Tech and throughout the entire country is the help of those who have conceived great ideas but once having brought forth certain goals to be reached, set back hoping some like minded individual will take it upon himself to nurture the new creation.

The problem in this is that it has been long established that there do not exist many who have an interest in the growth of another's offspring. Therefore at the conception of some new idea the creator himself must do much work or the idea will die.

Since September we have seen the birth of such ideas as Planning Report III, Peace in Vietnam, and immediate curriculum changes, etc., these youngsters are certainly very pretty to look at but with out any work these ideas

will never mature. It is very easy to write letters to the Tech News about being dissatisfied with the way the children are growing, or attend meetings or peace rallies and discuss the way these children should fill out. But when the actual job of feeding, changing diapers, etc. confronts us, many leave.

How many who attended the Moratorium will go to Washington? After all the bitching about the non-fraternity environment how many students signed up for the environmental subcommittee's sub-group on non-fraternity life? Just one.

If change is wanted on this campus, or any where else, abundant amounts of labor will have to be carried out. But don't "table it" for next year, or next month, or next week. The ideas have now been conceived and the time to start the work is now. The motivation will come in the ability for positive results to be formed quickly, and result formation comes only after a great amount of real work, not just a continual voicing of dissatisfaction.

## Important Senior Assembly

Thursday, 10:45 A.M.  
Job Placement  
Alden Auditorium

## SENIORS

Yearbook photographer will be on Campus for sittings

THURSDAY, NOV. 6  
1 p.m. - 5 p.m.

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## Faculty Meeting

cont. from pg. 1 col. 5

a problem on its own merits and needs." The Committee also replied to the statement that conflicting views had been heard by the faculty from different Planning Committee members by saying, "We are not talking two sides at once. The program as we envision it really has a great deal of flexibility."

The Committee also dismissed the two-track system because it would tend to divide the school

and would limit the flexibility of the program. They also commented, "There seems to be an assumption on the part of many of the faculty that the model was dictated to the committee and that somewhere in the recesses of the Institute there lies a completed plan. This is just not true....The report is the work of the Committee alone....the report contains all that we have developed at this time."

The statement concluded with a statement on the effect of the Model on the size of classes. It mentioned that Worcester Tech's

selling point had been technical education in small classes and that an attempt to make ends meet by increasing the number of students or decreasing the program and staff would mean the loss of Worcester Tech's selling point. The proposed program, however, would offer large-scale lectures and small discussion groups, maintaining the close contact with faculty while solving the financial problems.

Several administration members also spoke during the meeting. William Elliot read a statement for the admissions office

stating that "The Admissions Office believes that the objectives of the Planning Committee report are sound and saleable", that they should help make Tech's reputation a national one and should attract a more creative and mature student, and that there is a sizable number of students who would be attracted. Dean Clarke, Director of Research, commented that there were unavoidable risks in any type of pioneering and that there had been enthusiasm for the plan from people in business and government including the Director of Manpower in the federal govern-

ment, who had reviewed it. Dean Price added that President Hazard had found a great deal of interest among alumni in the proposed model.

One professor commented that last week's Tech News had made it appear that faculty were rejecting the model, when actually all they were doing was questioning the model and trying to see exactly what it was.

The other faculty members brought up the question of grades and commented that he worked best under pressure and that seven freshmen had commented to him that they would not work as hard with no grades. A member of the Planning Committee then replied that marks help the student under the present system, but that, if the faculty taught in a different way so that the student would know why he was studying, the student might study without marks. Another member commented that humans did need deadlines and the report did recommend grades and did provide for evaluation, while trying to end the psychology of fear and failure which exists under the present grade system.

The issue of accreditation was also raised. The Planning Committee commented that they were sure that accrediting agencies would accept experimental programs. He added that it was fundamentally wrong for accrediting agencies to accredit the program rather than the product, and questioned the value of accreditation if they did judge the program rather than the individual.

A humanities professor asked for a definition of 'humane-technologist', especially as it related to the caliber of humanities courses, and stated that the college had not yet made a commitment to a professional approach to humanities, adding that Tech had to take a stand one way or another on the issue.

One professor replied to a question raised in the previous meeting, "Is what we have done before a failure?", by commenting that it was a failure in the way that Einstein's advent meant Newton's failure and that the new program simply recognized that things do change. He then mentioned two problems with the present administrative structure:

1) the administrative structure was not responsive enough to innovative ideas.

2) An attitude was present. "I won't rock your boat if you don't rock mine." He added that this was all right as long as neither boat had a leak.

At the end of the meeting, another professor commented that he was in favor of the proposed model because it had flexibility while remaining sufficiently structured, because it would produce a well-educated, responsible human being, because it challenged the faculty to experiment and to try new approaches, and because project work would be a good way to show the holes in the background of a student. He added that he felt the Model was a skeleton, that last week he had gotten the impression that the faculty was burying the skeleton, but that he felt much better after this week's meeting.

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# PERRY SEEKS STUDENT HELP IN PROMOTING TECH'S IMAGE

by Dave Meyer

Recently you may have heard the comment that Worcester Tech could use more publicity, that it should have a better image throughout the country. What many of us don't realize is that the college already gets widespread and favorable publicity and that it has become a lot better in the last few years. Certainly, more can be done, especially in the area of student involvement, but there is already an extensive public relation effort.

In charge of this activity, since 1964, is Roger Perry, Director of Public Relations and a alumnus of W.P.I., class of 1945. A commander in the Naval Reserve, he is also an officer of a Navy Public Affairs Company in Boston. Here in Worcester, Mr. Perry is the chairman of the Consortium Public Relations Committee.

His staff includes a part-time News Bureau Director, Stephen Donahue, '29, Mrs. Althea Edstrom, Carol Kach, and Lee Thomas. Mr. Perry said, "our staff is small in comparison with many colleges of our size, however, it's a smoothly working team and I can't speak too highly of them." In addition to the normal staff, they have the part-time co-operation of Bob Gosling, '68, a graduate student in the civil engineering dept. who has been writing a lot of the hometown news stories.

"Public Relations includes much more than publicity, although this is an important part of our work," says Mr. Perry. "In addition to sending out news releases from Tech, we're also concerned with the production of much of the printing that is done on campus including the annual catalog, special events, arrangements for speakers, photography, special writing projects for the president and others, and phone contacts with the news medium and the public. The program of the Society of Families is handled by the Public Relations Office. This includes arrangements and reservations for two parents' days a year, about two dozen meetings of the society at various out of town locations each year, and the annual Parents Fund campaign."

During the first year that Mr. Perry was here, Worcester Tech received a Certificate of Exceptional Achievement from the American College Public Relations Association. This is one of the ACPRA's highest awards presented for the public relations program during Tech's Centennial Year observance.

"A good example of how the public relations office functions will take place this week during the Alumni Association sponsored Techni-Forum for the guidance counselors of secondary schools. Thursday, on the first morning of their two day visit, they will have their pictures taken with a Tech host, the film will be processed and prints will be returned that afternoon. These pictures, with a news release, will go immediately to the hometown newspapers of each of the people attending. When they are published back home, it publicizes Worcester Tech, but it also lets people in that town know that the counselor has been to the college. When his friends ask him about the trip, the college then gets the best kind of publicity....an enthusiastic report from the someone who's been here."

Last week, Mr. Perry held a meeting with a few interested stu-

dents to discuss the possibilities of increasing student involvement and co-operation with his office. At the meeting the idea was brought up of using student photographers for taking pictures for articles and publications. Discussed was the possible co-operation with the new FM radio station, WICN, that is located here at Tech, in Alden Memorial.

The major hope of the group was that of furthering Worcester Tech's image. Some of students could be instrumental in this end in a number of ways, like serving as guides to parents and prospective freshmen that come to the campus for tours. Right now there is urgent need for such volunteers.

In an effort to increase the awareness of the students a second news bulletin board has been procured in the library, in addition to the one on the first floor of Boynton Hall.

Another welcomed addition would be the attendance of students on admission trips to high schools. It was pointed out that they could be very effective in

relating to the students that are interviewed and would make a good impression on them.

For willing, and able students there is always the opportunity of speaking engagements at high schools and local service groups as a way of improving our image.

The most important point that was discussed was the possibility of getting news tips from students that the office could follow up on and write articles about for hometown or the Worcester papers.

The reason that this article was written was to inform the students that certain activities are available and that Mr. Perry and his staff would welcome any assistance that students might render.

If you have any interests like public speaking or photography or if you have any information that you think might be pertinent to their work, the Public Relations Office, 107 Boynton Hall, would appreciate your help.

## Freshmen Parents' Day Schedule - Nov. 8, 1966

### TECH

8:30 - 10:00 REGISTRATION - Harrington Auditorium Foyer; COFFEE HOUR - On the Balcony of Harrington Auditorium, above registration area. (Hostesses are the ladies of the Steering Committee of the Society of Families)

10:00 WELCOME - Harrington Auditorium; Speaker - Martin C. Van de Visse, Dean of Student Affairs; Presiding - Mr. Richard D. Jolls President, Society of Families.

10:30 - 12:30 PARENTS VISIT WITH FRESHMAN ADVISORS (List of Advisors and office location will be available at registration desk).

11:00 Meeting of the Steering Committee in the Harrington Auditorium Conference Room.

12:45 BUFFET LUNCHEON - Harrington Auditorium; Presiding - Mr. Richard D. Jolls President, Society of Families; Remarks - President George W. Hazzard.

### 3:00 GLEE CLUB CONCERT

Dormitory rooms in Morgan, Daniels and Sanford Riley Halls will be open for visitation by parents from 1:00 to 7:00 p.m.

Other informal events may be scheduled during the afternoon. However, it is the committee's intention to provide ample free time for families to visit with their sons or daughters.

The W.P.I. Bookstore will be open from 9:00 a.m. to 3:30 p.m.

### WASHINGTON TRIP

There are still a few openings on the bus leaving Thursday night, Nov. 13, and returning Saturday night, Nov. 15. If you are interested leave your name, address and phone number in the Student Government mailbox in Boynton.



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# Freshmen Move Into Fraternities

The current housing problem here at Tech has prompted the decision to allow some freshmen pledges to move into fraternities. As of Nov. 1, twenty-five freshmen are living in the houses which they joined.

When the size of the impending freshmen class became apparent back in April and May, Dean Van de Visse approached the I.F.C. with the idea of letting freshmen live in the fraternities. The I.F.C. decided to forestall any decision until after rushing had been completed in October. The administration then made arrangements to house freshmen on Daniels' first floor, as the best temporary solution.

After pledging, the I.F.C. decided to allow any fraternities which had extra room to let their pledges move into the house. Four fraternities elected to do so: Theta Chi, Phi Sigma Kappa, Alpha Epsilon Pi and Lambda Chi

Alpha. The parents of the pledges had been contacted in the meantime by the administration for their permission. Arrangements were then made for these freshmen to move, and to rearrange the housing situation in Daniels.

Of the twenty-five freshmen, fifteen were from the "Zoo" and ten were from other rooms in the dormitories. Ten guys from the "Zoo" were then relocated in the resulting vacancies. The few freshmen who still remain in first floor Daniels will live in the former Tech News Office, while the former Peddler office will be converted into a study area and Daniels Lounge will be reconverted into Daniels Lounge.

Dean Van de Visse pointed out that while having freshmen live in fraternities may be an innovation at Tech, the practice is common at other schools, particularly at M.I.T., where housing has been a problem for years.

## Clarke Assembly

cont. from pg. 1 col. 1

is the past chairman of the British Interplanetary Society and a member of the Academy of Astronautics, The Royal Astronomical Society, and many other scientific organizations.

In the face of all these attainments, Arthur C. Clarke is not one to lose his sense of humor and

## Planning Committee

cont. from pg. 1 col. 3

ject and independent study programs proposed, otherwise the program is no good. The Committee rejected Objective No. 4, "To Become a Research Oriented Graduate School" as unattainable for WPI with its limited financial resources and existing reputation.

d. Can't we simply expand our present interdisciplinary programs and continue otherwise the same? We would note that it isn't interdisciplinary programs alone that we want. But apart from that we might inquire what we really mean by interdisciplinary programs. Basically what the committee has in mind is attack on a problem on its own merits and needs, not calling for people from various historically established areas. As for our present programs we might ask some questions. Who at WPI takes biomedical engineering besides the EE's or if we make it a separate department doesn't it become just another discipline? Who takes acoustics? How is the materials engineering program going? How many non-ME's are in it? Aren't there other materials besides metals and ceramics? Who takes the nuclear engineering program—the chemists? The interdisciplinary program in the catalogue puts the student under the administrative jurisdiction of the major department head—implying a disciplinary tie.

e. Why do we say there is difficulty in introducing new programs when there have been 255 course changes and 15 new degree programs in the last ten years?

Most of the changes referred to are a bit late - other schools made them many years before we did.

I don't know of a program that we have that someone else hasn't had longer, and in most cases we seem to be the last Institute of our kind to adopt these programs.

f. Isn't it possible that the humanistic-technological project will be technically trivial?

This is a danger only if we allow it. The same danger exists in the present program. I might point out that in the model we have provided a safeguard by way of the external review of the examinations and reports. In the present

balance, where other men may be didactic about scientific matters, he is likely to come up with such a witty truth as what he once called "Clarke's Law." This is (and we quote):

"When a distinguished but elderly scientist states that something is possible, he is almost certainly right. When he states that something is impossible, he is very probably wrong."

system, with one exception that I know of, we don't even provide that safeguard within a department.

g. The oil slick problem.

This usually results from some faculty member asking whether under the proposed program he can do some specific thing. Because of the flexibility of the program, the answer is usually "yes". Then, because the goal says our main thrust is something this particular person regards as totally different, he feels unsure. We emphasize the humanistic-technological project, but, for goodness' sake, we have to have the conventional research as well. We are not talking two sides at once. The program as we envision it really has a great deal of flexibility.

Part of this problem is that the program is not as radical as its detractors would like to think. Of a current five-course program, the student probably really concentrates on three courses. More than likely, under the proposed program, the advisors will have a real catalogue of suggested courses for students who want to major in a particular area, and these will probably be the 24 courses he really has to have. What is different is that by proper use of the project and independent study programs, the student will have a different background than at present, be able to do his own reading, and set the instructor free to develop the subject matter rather than read the book to the class. We would like to emphasize that this program should be for all students - not just honors students. The flexibility of the program permits this.

Furthermore, why cannot the humanistic-technological project or independent study be in the area of the philosophy of science?

h. There seems to be the impression that we are proposing to end the present program in June and start the new one the following September. While we do not have much time to get under way with the new program, it will obviously have to be phased in, including a pilot program which itself has to be evaluated as we go along. Working out the details of the implementation and how long it should take is the job of one of our sub-committees. We can't take ten years to bring in the new program because we'll lose

# Dr. Hodes To Speak On Nov. 4

Dr. Isidore Hodes, executive engineer, on the Manufacturing Development Staff of General Motors Technical Center, Warren, Mich., will describe some unconventional manufacturing processes which have recently been developed, when he talks at the Worcester Polytechnic Institute mechanical engineering colloquium Tuesday afternoon.

This is one of a series of talks which have engineering design as a general theme and which are being given at Tech monthly.

Dr. Hodes talk, at 4:30 p.m. in Higgins Laboratories, will be "Manufacturing Considerations in Design." He will illustrate it with an exhibit of piece parts as well as slides and projections.

He will tell how new methods have made it possible to fabricate complex parts and shapes which formerly would have been considered prohibitively expensive or even impossible.

Dr. Hodes received degrees from City College of New York and University of Southern California, and has taught physics at University of Illinois and electrical engineering at Notre Dame. He has been with General Motors since 1961, when he headed the Plasma Physics Section.

## Consortium

cont. from pg. 1 col. 4

gram in the Fine Arts.

The purpose of the talent search is to identify qualified students in the Worcester Secondary school system and bring them into the city colleges. The committee to help Puerto Ricans is studying the needs of these people to determine the best ways to help them, programs to increase the number who enroll in Worcester Colleges, and the teaching of English, as a se-

sources of funds for doing the implementation. Three years is about all we'll have - or we'll find ourselves following big brother again.

i. The organization chart seems to be giving everyone the heebie-jeebies.

We honestly believe the present departmental structure is not valid for the program proposed but we have a sub-committee to examine this area. We don't want to put new wine in old wine skins. We could call the study groups departments if we would get security from that. And when the sub-committee asks for your suggestions as to what study groups there should be and what your first choice is, you can put down "Mechanical Engineering" and mark it first choice. There will surely be economies realized in not having autonomous, self-contained departments. It is very important that administrative assistants should do the paper work, and allow the department chairman to be a technical and intellectual leader, not a paper shuffler. Before we panic, see what evolves from the sub-committee - or contribute to it.

It has been said it would have been politically expedient had we left the departmental structure alone, as far as the report was concerned. To do so would have been dishonest.

j. The two-track program.

This is a suggestion we get frequently. Because increasing the size of the physical plant obviously involves money the kind of which we ain't got, let's assume that the two-track program means half the student body on one program, half on the other, with the same physical facilities. In the first place this is divisive and would not provide the community of spirit the College needs so desperately. It is atmosphere we are concerned about. Second, particularly in the upper class

# Sheriff To Lecture

John Sears, former sheriff of Suffolk County, will speak on "The Special Problem of Crime" at Worcester Polytechnic Institute, Thursday, Nov. 6.

He will appear at 7:30 p.m. as the guest lecturer in the Seminar Room of Gordon Library, make an informal address and then take part in a question and answer period. The series on state and local government is open to all members of the campus and Worcester community.

It is sponsored by the Tech Student Assembly Committee and is an effort by the students to become more aware of Massachusetts state and local government, its problems and its future.

Charles Grigsby, a member of the Renewal Committee for the South End of Boston, is scheduled as the speaker for Thursday, Dec. 2, on "The Renewal Process and Community Control."

## BASKETBALL SCRUMMAGE

Thursday, 7:00 p.m.

Tech Varsity vs. Fort Devens in Harrington

cond language, to their children. The community school will be designed to be a center of activity in poor neighborhoods. It will serve the educational needs of the people and be a recreational facility for children. It will also recruit students into Consortium Schools.

In addition to these plans the Consortium is seeking to expand from the present six senior and four junior colleges, to include the Worcester Art Museum, the Antiquarian Society, the Worcester Foundation for Biological Research, and the Medical School due to open next fall.

years, if the proposed program is not be watered away, the kind of course offerings would be different. This means that course populations for each set would be reduced, or that the breadth of offerings would have to be reduced. The former is uneconomical, the latter dilutes your program flexibility. Further, laboratory facilities would have to be divided between the two tracks, and this would again, limit the flexibility in both programs.

4. There seems to be an assumption on the part of many of the faculty that the model was dictated to the committee and that somewhere in the recesses of the Institute there lies a completed plan. This is just not true. Let me tell you a little bit about the Committee's operations during the summer.

The PPG, working with the Com-

## Assembly Committee

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signed to bring the real social and urban problems of the time closer to the Tech campus. Several black leaders are included on the roster as well as John Sears, past Sheriff of Boston's Suffolk County. This man caused some concern when he once directed his detectives not to carry guns on the job.

Three film-lecture programs have also been arranged for the next three months. The first of these, "An Evening of Documentary Films" was narrated by Fr. Gene Phillips on Oct. 23. Underground films will be featured on Nov. 19 with Deak Rossell, writer for Boston After Dark, commenting. "An Evening of Animated Films" with Derek Lamb on Dec. 17 will close out this series.

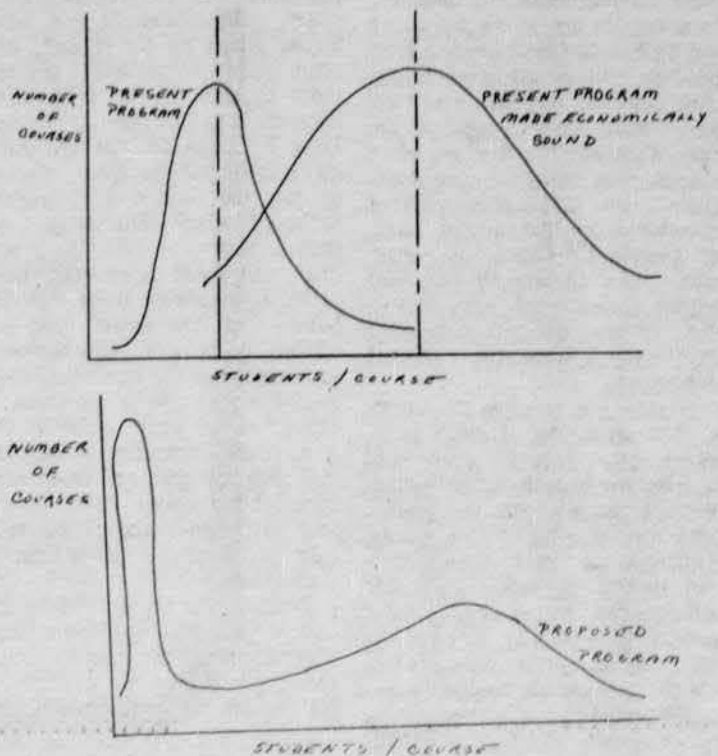
In the only assembly presently scheduled for Alden Memorial, Arthur C. Clark, renowned science and science-fiction writer, will speculate on "Life in the Year 2001". Mr. Clark, who wrote the screenplay for A Space Odyssey, has asked Mrs. Robert Goddard to be present for his lecture.

Scheduling for the second semester, although incomplete at this time, includes a short play by the Masque on March 26, and three more architectural exhibits. These will consist of "The Architecture of Kevin Roche in late March", models of the work of John Johansen who designed the new Clark University Library, in April, and, in May, buildings by Architects Collaborative who are responsible for the Boston City Hall building and Alden Research Labs. The architects themselves, or their representatives, will probably appear to comment on the exhibits.

The assembly committee, although hampered by lack of funds, is presently trying to obtain other speakers and various attractions for second semester. A cut in budget over that of last year has reduced Tech's allowance for this type of activity to about one-third that of comparably sized schools. The committee hopes to do bigger and better things in the future if student response warrants it. All coming events will be publicized on the large red "A" posters located across campus. So look for these, for ads in the TECH NEWS and on WICN; you might find something you'll like.

mittee, finished work on the second report on the last Friday in June. On that day, President-to-be Hazard came to the committee room to encourage us to proceed with the work - nothing more. The Committee met on Monday, Wednesday and Friday afternoons through July and the first week of August. By mid-July, when we really had but a few weeks left, the Committee felt it was saturated with discussion, and in different surroundings was ready to begin to

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## Tech Throttles R.P.I. To Take Trophy 41-26

The Engineers coasted to a convincing 41 to 26 victory over arch-rival RPI at Alumni Field last week. Halfbacks Charlie "Dynamite" Deschenes and "Bullet" Bob Plante provided the offensive fireworks while Tom "the Crusher" Heinhold led the defensive forces. "Dynamite" paced Tech's powerful running game with 188 yards in 26 carries, a performance which may mean another All-East berth for the sophomore speedster. It was the defense, however, that provided the scoring edge with two of Tech's six touchdowns.

After only 28 seconds of the action had elapsed John Cuth broke through the Rensselaer line and blocked a Glenn Waltzack punt. Mike Santora pounced on the ball in the end zone, and after Heinhold's kick Worcester led 7-0. The defense stopped RPI cold the next two times it gained possession and Tech marched for touchdowns both times. The first drive covered 73 yards in 11 plays with Plante diving over left tackle from the

before the boys from New York knew what hit them.

Rensselaer settled down somewhat in the second period and displayed a potent offense spearheaded by backs Thad Ostrowski and Bob Baron and split end Kalle Kontson. Ostrowski banged over from the two for RPI's first score, followed by a sevenyard touchdown pass from Baron to Kontson.

Deschenes put the Engineers on the scoreboard again in the third quarter when he cut over right tackle, pulled out of the grasp of a would-be tackler, vaulted a downed blocker and raced 38 yards for the touchdown. Bob Baron went on to throw two more touchdown passes to Kalle Kontson, but Deschenes iced the victory with 2:23 left in the game with a near duplicate of his previous score. Tech brought a final 41-26 score into the locker room as well as the beautiful Centennial Celebration Trophy presented to them for the victory.

This victory can truly be described as a team effort and everyone deserves praise. The Tech



Bob Plante slips thru porous R.P.I. defense

two. On the next series of downs Deschenes brought the ball to the 20 after a beautiful catch and on the next play Steve Joseph combined with Plante again for a touchdown toss and then with Ed Mason for the conversion making the score 21-0. Three plays later, after the ensuing kickoff, John O'Donnell picked off a Bob Baron swing pass and rollicked 42 yards for the TD. Another Heinhold kick brought the score to 28-0

### Answers

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found the capacity to reject and detour my views, and I feel a question as to where I have questioned, threatened or persecuted the individual character of any one of you. Where now does the warring lie?

AND if men of different circumstances cannot submit to each other in happiness and laughter, then how is one to sit in church and call on God to deliver us from bondage, when deliberately you have depicted your sense of right as the only sense of right, as the only right sense. Are you not a man of many thoughts—some of disgust—some of purpose—some of question—some of remorse, some of laughter? Cannot one other man share in himself one such feeling, even when this feeling does not happen to fall on the same day as yours, without fear of total rejection?

I tried not to save the world, or to expect that it needs to be saved, but to secure a man's need to endeavor to seek change—which is a necessary portion in a graduated life—starting blank to words, beginning its trek to intersection and ending by esteeming itself with success in the end. I did it peacefully, stopping to laugh and sing and cry with each, seeking the same in return, hoping the end result would be brotherhood.

CARL F. NELSON

psyche was evident and the team should be proud of the job they did. Besides the "big three" already mentioned, Special praise goes to John Cuth, Mike Santora and Charlie Andreson for outstanding defensive jobs. Also, John Pion-sky, who hadn't seen much action until last weekend, did a fine job at the chief spot while also picking up an interception. While Coach Massucco was well pleased with the victory, five players sustained injuries, including Mark Dupuis, who will be lost for the remainder of the season.

### Planning Committee

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set down a program.

We went to FitzWilliam, New Hampshire for a day, and during that day hammered out the goal statement, the educational tools, the degree requirements, and the beginnings of the organizational chart. Dr. Hazzard and Dean Price joined us for dinner, and after dinner we presented our results to them for the first time. Subsequent to that meeting, neither Dean Price nor Dr. Hazzard made any unsolicited comment. We did discuss the content of the report in broad terms informally. Although both men saw the rough draft and made comments, none of these comments dealt with the basics of the model, and any changes made in consequence were minor indeed. In fact, some suggested changes were not made. In other words, the report is the work of the Committee alone. The fact that the goal and basic concepts of the model appear attractive to trustees and administration is simply a dovetailing of convictions.

Further, the report contains all that we have developed at this time. The subcommittee work is vitally necessary before we can give a full evaluation to the model, and I am happy to say that this work

## The Tech News SPORTS

### I. F.

## SPORTS

### I.F. VOLLEYBALL

Sigma Phi Epsilon and Lambda Chi Alpha closed the I.F. Volleyball season last Tuesday with what had to be one of the closest and hardest fought games all season. It took Sig Ep overtime to clinch the title while compiling a perfect 12-0 slate.

Phi Sigma Kappa was right behind with an 11-1 record and a surprising S.A.E. team finished a strong third. The final standings were as follows:

S.P.E.	12-0
P.S.K.	11-1
S.A.E.	10-2
A.E.P.	7-5
L.C.A.	7-5
A.T.O.	6-6
D.S.T.	6-6
P.K.T.	5-7
T.K.E.	4-8
Sh'd	4-8
S.P.	3-9
P.G.D.	2-10
T.C.	1-11

## Soccer Team Fells U Mass, ties B.U.

The W.P.I. soccer team played two tough opponents this past week. On Tuesday, the Engineers hosted the Redmen of UMass and won the game 2-1, while on Thursday they travelled to Boston University and battled to 1-1 tie under the lights.

Worcester Tech avenged last year's 1-0 loss to UMass by beating them in a hard fought game. Joe Spezeski hot Tech off on the right as he scored on a scramble mid-way into the first period. UMass came bouncing back in the second quarter, though, to knot the score at 1-1. Lindo Alves scored on a hard liner into the upper net corner from way outside the penalty area.

Tech scored the winner late in the third period. Dave Best, rushing in from his left wing position took a pass from Ken Roberts and blasted it past the UMass goalie. The game was a rough one with many fouls being called and four players being ejected from the game.

The Engineers travelled to the B.U. turf for a night game on Thursday, but had to settle for a 1-1 tie. The team set some sort of record for the school, being the first soccer team to play on Astro-Turf. General reaction of the Tech players, however, was not too encouraging. Although the smooth and even surface did make for a better passing game and thus a better all-around game, some of the starters complained that "it was like playing on a rug."

The game was a good one to watch. Both teams played excellent ball and the action was continuous and furious. The first

period saw B.U. with the advantage as they controlled a goodly proportion of the game. Neither team, however, was able to score.

B.U. got on the score board in the second period. Howland, the B.U. right wing, sent a long cross over into the goal mouth. The ball sailed over the outstretched arms of goalie Tom Terkanian, who playing up towards the close post of the goal, and struck the far post and bounded into the nets.

The start of the second half showed Tech to be a new team as they came storming out, determined to score. Tech Engineers kept steady pressure on the B.U. defense with the half-backs Al Prucnal, Dave Andre and Tim Rooney controlling the midfield area and dumping long passes into the B.U. area for the forwards. Ken Roberts finally scored for Tech during a mad scramble in front of the nets.

The fourth period was all Tech again as they missed three excellent scoring chances as the pressure continued. The two overtimes that followed showed Tech still frantically trying to score the winner as B.U. seemed to be content to hold on and take the tie their fourth of the year.

A large following of Tech rooters made the Thursday night trek to Boston to cheer for their team. This support was very welcome, but it seems strange that the soccer team can draw more fans at an away game than at a home game.

Tech's final game of the season will be played Wed., Nov. 5 at A.I.C. in Springfield. Game time is 2:30 p.m. The booters record now stands at 7-2-1.



Athletic Director Prof. William Prichard along with Head Coach Mel Massucco and Co-Captains Bill Hillner and Bob Plante receive the Centennial Trophy given by Chevrolet after Saturday's 41-26 win over R.P.I.

### Grok!

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towards the emergence of the students as a united, active group.

As every good Chem 101 survivor knows, increased pressure means increased temperature (other conditions being static). It should be no wonder then that the modern students are not calm, cool, and collected. As one student remarked this summer, "The Russians orbited Sputnik and ever since then we've been getting screwed." Intensified training in the sciences and math, and eventually in all disciplines, became imperative in the school system as parents demanded the "best education for their children, never asking what is the best education. To castigate them for this intensified pace would be unfair now, for the educators and parents have realized that the graduates of such pressured learning were not "socially well-ad-

justed." In pursuit of the "best education" once again, the parents and educators have begun to give the children courses in "social well-adjustment": ballet, Scouts, music lessons, dramatic clubs, Little League baseball, flag football, and other typical grade-school activities. Of course, the kids sometimes have to be dragged into being "socially well-adjusted", but that is a minor point, isn't it?

On the college level, a physics professor comments, "We've crammed three times as much stuff into the present undergraduate curriculum as there was twenty years ago and omitted little." Perhaps the question should not be, "Why has the student movement emerged?", but "What took it so long?"

Next week (if I'm in the mood) --The student movement as an "anti-intellect" movement.